



1 of 4

FORM PTO-1449	SERIAL NO. 10/729,655	CASE NO. 11829/10
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE December 5, 2003	GROUP ART UNIT 2632
(use several sheets if necessary)		APPLICANT(S): SHIUH-AN SHIEH

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
TN	C1	6,958,451 B2	10/25/2005	Breed et al.		
	C2	6,950,022 B2	09/27/2005	Breed		
	C3	6,942,248 B2	09/13/2005	Breed et al.		
	C4	6,869,100 B2	03/22/2005	Breed et al.		
	C5	6,850,824 B2	02/01/2005	Breed		
	C6	6,833,516 B2	12/21/2004	Breed et al.		
	C7	6,820,897 B2	11/23/2004	Breed et al.		
	C8	6,805,404 B1	10/19/2004	Breed		
	C9	6,793,242 B2	09/21/2004	Breed et al.		
	C10	6,784,379 B2	08/31/2004	Breed et al.		
	C11	6,782,316 B2	08/24/2004	Breed et al.		
	C12	6,778,672 B2	08/17/2004	Breed et al.		
	C13	6,757,602 B2	06/29/2004	Breed et al.		
	C14	6,748,797 B2	06/15/2004	Breed et al.		
	C15	6,746,078 B2	06/08/2004	Breed		
	C16	6,738,697	05/18/2004	Breed		
	C17	6,735,506 B2	05/11/2004	Breed et al.		
	C18	6,712,387	03/30/2004	Breed et al.		
	C19	6,689,962 B2	02/10/2004	Breed et al.		
	C20	6,662,642 B2	12/16/2003	Breed et al.		
	C21	6,653,577 B2	11/25/2003	Breed et al.		
	C22	6,648,367 B2	11/18/2003	Breed et al.		
	C23	6,555,766 B2	04/29/2003	Breed et al.		
	C24	6,533,316 B2	03/18/2003	Breed et al.		
	C25	6,529,809 B1	03/04/2003	Breed et al.		
	C26	6,529,809 B1	03/04/2003	Breed et al.		
	C27	6,513,833 B2	02/04/2003	Breed et al.		
	C28	6,513,830 B2	02/04/2003	Breed et al.		
	C29	US 2003/0001368 A1	01/02/2003	Breed et al.		
	C30	6,484,080 B2	11/19/2002	Breed		
	C31	6,474,683 B1	11/05/2002	Breed et al.		
	C32	6,792,342 B2	09/14/2002	Breed et al.		
	C33	6,445,988 B1	09/03/2002	Breed et al.		
	C34	6,442,504 B1	08/27/2002	Breed et al.		
	C35	6,422,595 B1	07/23/2002	Breed et al.		
	C36	6,422,595 B1	07/23/2002	Breed et al.		
TN	C37	US 2002/0089157 A1	07/11/2002	Breed et al.		

EXAMINER <i>Carman</i>	DATE CONSIDERED 08/16/06
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
TN	C38	6,412,813 B1	07/02/2002	Breed et al.		
	C39	RE37,736	06/11/2002	Breed et al.		
	C40	6,397,136 B1	05/28/2002	Breed et al.		
	C41	6,397,135 B1	05/28/2002	Breed et al.		
	C42	6,325,414 B2	12/04/2001	Breed et al.		
	C43	6,326,704 B1	12/04/2001	Breed et al.		
	C44	6,283,503 B1	09/04/2001	Breed et al.		
	C45	6,270,116 B1	08/07/2001	Breed et al.		
	C46	RE37,260 E	07/03/2001	Varga et al.		
	C47	6,242,701 B1	06/05/2001	Breed et al.		
	C48	6,186,537 B1	02/13/2001	Breed et al.		
	C49	6,179,326 B1	01/30/2001	Breed et al.		
	C50	6,175,787 B1	01/16/2001	Breed		
	C51	6,168,198 B1	01/02/2001	Breed et al.		
	C52	6,039,139	09/21/2000	Breed et al.		
	C53	6,116,639	09/12/2000	Breed et al.		
	C54	6,088,640	07/11/2000	Breed		
	C55	6,081,757	06/27/2000	Breed et al.		
	C56	6,078,854	06/20/2000	Breed et al.		
	C57	6,043,743	03/28/2000	Saito et al.		
	C58	6,039,139	02/21/2000	Breed et al.		
	C59	6,020,812	02/01/2000	Thompson et al.		
	C60	6,014,062	01/11/2000	Kithill et al.		
	C61	6,012,007	01/04/2000	Fortune et al.		
	C62	5,948,031	09/07/1999	Jinno et al.		
	C63	5,943,295	08/24/1999	Varga et al.		
	C64	5,914,610	06/22/1999	Gershenfeld et al.		
	C65	5,901,978	05/11/1999	Breed et al.		
	C66	5,878,620	03/09/1999	Gilbert et al.		
	C67	5,848,802	12/15/1998	Breed et al.		
	C68	5,844,415	12/01/1998	Gershenfeld et al.		
	C69	5,829,782	11/03/1998	Breed et al.		
	C70	5,822,707	10/13/1998	Breed et al.		
	C71	5,809,437	09/15/1998	Breed		
	C72	5,808,552	09/15/1998	Wiley et al.		
	C73	5,802,479	09/01/1998	Kithil et al.		
	C74	5,772,238	06/30/1998	Breed et al.		
	C75	5,770,997	06/23/1998	Kleinberg et al.		
TN	C76	5,732,375	03/24/1998	Cashier		

EXAMINER <i>anguyen</i>	DATE CONSIDERED 08/16/06
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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
TN	C77	5,724,024	03/03/1998	Sonderegger et al.	<del>X</del>	<del>X</del>
	C78	5,691,693	11/25/1997	Kithil		
	C79	5,653,462	08/05/1997	Breed et al.		
	C80	5,607,180	03/04/1997	Kornhauser		
	C81	5,602,734	02/11/1997	Kithil		
	C82	5,482,314	06/09/1996	Corrado et al.		
	C83	5,404,128	04/04/1995	Ogino et al.		
	C84	5,330,226	07/19/1994	Gentry et al.		
	C85	5,231,253	07/27/1993	Breed et al.		
	C86	5,222,761	06/29/1993	Breed et al.		
	C87	5,118,134	06/02/1992	Mattes et al.		
	C88	5,074,583	12/24/1991	Fujita et al.		
	C89	5,071,160	12/10/1991	White et al.		
	C90	4,846,368	07/11/1989	Goetz		
	C91	4,625,329	11/25/1986	Ishikawa et al.		
TN	C92	3,943,376	03/09/1976	Long		

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO
TN	C93	DE 38 02 159 A1	08/03/1989	Germany	<del>X</del>	Abstract
TN	C94	DE 3809074 A1	10/05/1989	Germany		Abstract

EXAMINER INITIAL	OTHER ART - NON PATENT LITERATURE DOCUMENTS <small>(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.)</small>	
TN	C95	Breed, "A Smart Airbag System", 6th International Technical Conference on the Enhanced Safety of Vehicles (ESV), Windsor, Ontario, Canada, May 31- June 4, 1998
	C96	Breed et al, "A Critique of Single Point Sensing", SAE 920124, 12pp., International Congress & Exposition, February 24-28, 1992.
	C97	Ian V. Lau, John D. Horsch, David C. Viano and Dennis V. Andrzejak, "Mechanism of Injury from Air Bag Deployment Loads", pgs. 29-45, Accid. Anal. & Prev. Vol. 25, No. 1, 1993.
	C98	David S. Breed and Vittorio Castelli, "Trends in Sensing Frontal Impacts", 16pp., SAE Technical Paper Series, International Congress & Exposition, February 27 to March 3, 1989.
TN	C99	R. Paul Gorman and Terrence J. Sejowski, "Learned Classification of Sonar Targets Using a Massively Parellel Network", pgs. 1135-1140, IEEE Transactions on Acoustics Speech and Signal Processing, Vol. 36, No. 7, July 1998.

EXAMINER <i>Carnguyen</i>	DATE CONSIDERED 08/16/06
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(use several sheets if necessary)	APPLICANT(S): SHIUH-AN SHIEH	

EXAMINER INITIAL	OTHER ART - NON PATENT LITERATURE DOCUMENTS (Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.	
TN	C100	David S. Breed, Ph.D., "How Airbags Work (Design, Deployment Criteria, Costs, Perspectives)", 12pgs., Canadian Association of Road Safety Professionals International Conference on Airbags and Seatbelts: Evaluation and Implication for Public Safety, October 19-20, 1992.
	C101	R. Paul Gorman and Terrence J. Sejnowski, "Analysis of Hidden Units in a Layered Network Trained to Classify Sonar Targets", pgs. 75-89, Neural Network, Vo. 1, 1988.
	C102	Jan A. Olsson, Lars-Gunnar Skötte and Sven-Erik Svensson, "Air Bag System for Side Impact Protection", pgs. 976-983, Twelfth International Technical Conference on Experimental Safety Vehicles, U.S. Department of Transportation, National Highway Traffic Safety Administration, Proceedings Vol. 2, May 29 to June 1, 1989.
TN	C103	Collision Safety Engineering, Proposal, Small Business Innovative Research, Crash Protection Accessories Using Inflated Structures, pgs. 6-23, May 1987.

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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE December 5, 2003	GROUP ART UNIT Not Assigned
(use several sheets if necessary)	APPLICANT(S): SHIUH-AN SHIEH	

## REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
TN	A1	US2003/0204295 A1	10/30/2003	Thompson et al.	701/45	
	A2	US2003/0090376 A1	5/15/2003	Thompson et al.	340/511	
	A3	5,948,031	9/7/1999	Jinno et al.	701/45	
	A4	6,161,070	12/12/2000	Jinno et al.	701/45	
	A5	6,329,913 B1	12/11/2001	Shieh et al.	340/511	
TN	A6	6,329,914 B1	12/11/2001	Shieh et al.	340/511	

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number-Kind Code (if known)</small>	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO

EXAMINER INITIAL		OTHER ART - NON PATENT LITERATURE DOCUMENTS <small>(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.)</small>
TN	A7	Thomas G. Zimmerman, et al., "Applying Electric Field Sensing to Human-Computer Interfaces" (8 pages) (Oct. 6, 1994).
	A8	Joseph a. Paradisco and Neil Fershenfeld, "Musical Applications of Electric Field Sensing", Oct. 1995; pp. 1-25.
	A9	National Highway Traffic Safety Administration; Docket No. NHTSA 98-3847; Aug. 4, 1998; vol. No. 63, No. 149.
	A10	Kazunori Jinno, "Occupant Sensing Utilizing Perturbation of Electric Fields", Feb. 1997; pp. 117-129.
	A11	J.R. Smith, "Field Mice: Extracting Hand Geometry From Electric Field Measurements", 1996; pp. 587-608.
	A12	Leonard M. Magid, "Electromagnetic Fields, Energy and Waves," Page 26 (1992).
TN	A13	Federal Motor Vehicle Safety Standards, Occupant Crash Protection, Docket No. NHTSA 98-4405; Notice 1.

EXAMINER <i>[Signature]</i>	DATE CONSIDERED 03/02/06
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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (use several sheets if necessary)	FILING DATE December 5, 2003	GROUP ART UNIT 3661
APPLICANT(S): SHIUH-AN SHIEH		

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number/Kind Code (if known)</small>	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
TN	B1	5,954,360	9/21/1999	Griggs, III et al.	280/735	
	B2	6,051,981	4/18/2000	Gershenfeld et al.	324/623	
	B3	US2001/029416	10/11/2001	Breed et al.	761/45	
TN	B4	US2002/175490 A1	11/28/2002	Sakai et al.	701/45	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER <small>Number/Kind Code (if known)</small>	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO
TN	B5	DE 195 47 842 A1	6/28/1997	GERMANY		No

EXAMINER INITIAL	OTHER ART - NON PATENT LITERATURE DOCUMENTS <small>(Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.</small>
TN	B6 European Search Report dated May 9, 2005.

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